

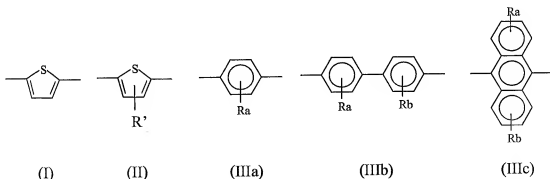
**CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1-6. (Cancelled).

7. (Original) A thienylene-arylene polymer in accordance with claim 6 consisting of a repeating segment containing at least one 2,5-thienylene unit selected from (I) and (II), and from about one to about three arylene units selected from (IIIa), (IIIb), and/or (IIIc)



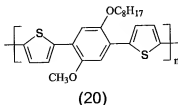
wherein R is an alkyl or an alkoxy; R' is halogen, alkyl, or alkoxy; a and b represent the number of Rs; and wherein the arylene is a dialkoxyphenylene is selected.

8. (Original) A polymer in accordance with claim 7 wherein said dialkoxyphenylene is selected from the group consisting of bis(pentyloxy)phenylene, bis(hexyloxy)phenylene, bis(heptyloxy)phenylene, bis(nonyloxy)phenylene, bis(undecyloxy)phenylene, bis(dodecyloxy)phenylene, bis(tridecyloxy)phenylene, bis(tetradecyloxy)phenylene, and bis(pentadecyloxy)phenylene.

9-23. (Cancelled).

24. (Original) A polymer in accordance with claim 7 wherein said dialkoxyphenylene is bis(octyloxy)phenylene or bis(decyloxy)phenylene.

25. (Previously Presented) A thienylene-arylene polymer represented by Formula 20



wherein  $n$  is the degree of polymerization, or the number of repeating segments in the thienylene-arylene polymer, and  $n$  is a number of from about 5 to about 200.